

PERFORMANCE OIL PUMPS



GM SMALL BLOCK V-8

Part No.	Volume Increase	Coatings	Shaft Support	Screw-in Valve Plug	Provision For Bolt-on Screen	Anti-Cavitation Grooves	Associated Screen Number	Tube Dia. (Inches)	Pan Depth
10550	25%	Mag Phosphate					55-S1	5/8	7.5"
							55-S2	5/8	8"
							55-S3	5/8	7.5"
							210S	5/8	10"
							220S	5/8	7.75"
10551	25%	Mag Phosphate					155S	3/4	7.5"
							211S	3/4	10"
							213S	3/4	8.5"
							221S	3/4	7.5"
							243S	3/4	7.75"
							244S	3/4	7.75"
							245S	3/4	10"
							251S	3/4	8"
							258S	3/4	8.5"
							259S	3/4	9.5"
10552	10%	Mag Phosphate	X	X	X	X	155S	3/4	7.75"
10552C	10%	Mag Phosphate	X	X	X		211S	3/4	10"
10555	25%	Mag Phosphate	X	X	X		213S	3/4	8.75"
10555C	25%	Mag Phosphate	X	X	X		221S	3/4	7.75"
							243S	3/4	8"
							244S	3/4	8"
							245S	3/4	10"
							251S	3/4	8"
							258S	3/4	8.5"
							259S	3/4	9.75"
						12557	3/4	7"	
						12558	3/4	7.5"	
						12559	3/4	8"	
						12564	3/4	7"	
						12566	3/4	7.5"	
10553	0%	Mag Phosphate					55-S1	5/8	7"
							55-S2	5/8	7.75"
							55-S3	5/8	7"
							210S	5/8	9.5"
							220S	5/8	7.25"
10554	0%	Mag Phosphate					155S	3/4	7.25"
							211S	3/4	9.5"
							213S	3/4	8.25"
							221S	3/4	7.25"
							243S	3/4	7.25"
							244S	3/4	7.25"
							245S	3/4	9.5"
							251S	3/4	7.5"
							258S	3/4	8"
							259S	3/4	9.25"
10550-750SS	25%	Hardcoat Anodize	X	X	N/A		N/A	N/A	N/A
10550-825SS	25%	Hardcoat Anodize	X	X	N/A		N/A	N/A	N/A
10550-700CT	25%	Hardcoat Anodize	X	X	N/A		N/A	N/A	N/A
10990	25%	Mag Phosphate	X	X			241S	3/4	N/A
10990C	25%	Mag Phosphate	X	X		X	305S	3/4	N/A

NOTE: SCREEN TO PAN CLEARANCE DISTANCE CAN VARY DUE TO PAN GASKET THICKNESS



PERFORMANCE OIL PUMPS

PONTIAC SMALL BLOCK V-8

Part No.	Volume Increase	Coatings	Shaft Support	Screw-in Valve Plug	Bolt-on Screen	Anti-Cavitation Grooves	Associated Screen Number	Screen Inlet Dia. (Inches)
10540	0%	Mag Phosphate		X			54-DS	3/4
10541	0%	Mag Phosphate		X			54-DS	3/4

Do not use the 54-DS screen with an OEM replacement pump.

GM GEN III & IV 4.8L, 5.3L • LS1 & LS6 5.7L • LS2 6.0L • LS3 6.2L

Part No.	Volume Increase	Coatings	Shaft Support	Screw-in Valve Plug	Bolt-on Screen	Anti-Cavitation Grooves	Associated Screen Number	Screen Inlet Dia. (Inches)
10295**	0%	Hardcoat Anodize		X	X		303S	7/8
							304S	7/8
10296**	18%	Hardcoat Anodize		X	X		303S	7/8
							304S	7/8

** 303S - Corvette applications, 304S Camaro applications only.

GM GEN IV LS4 5.3L • L92 VORTEC 6.2L V-8

Part No.	Volume Increase	Coatings	Shaft Support	Screw-in Valve Plug	Bolt-on Screen	Anti-Cavitation Grooves	Associated Screen Number	Screen Inlet Dia. (Inches)
10355	0%*	Hardcoat Anodize		X	X		324S	7/8

*33% more volume than the 10295

GM BIG BLOCK V-8 *continued*

Part No.	Volume Increase	Inlet Dia. (Inches)	Coatings	Shaft Support	Screw-in Valve Plug	Anti-Cavitation Grooves
10770	25%	3/4	Mag Phosphate			
10774	0%	3/4	Mag Phosphate			
10775	0%	3/4	Mag Phosphate	X	X	
10778	25%	3/4	Mag Phosphate	X	X	
10778C	25%	3/4	Mag Phosphate	X	X	
10070-800SS	25%		Hardcoat Anodize			X
10070-900SS	25%		Hardcoat Anodize			

FORD SMALL BLOCK V-8

Part No.	Volume Increase	Coatings	CNC Machined	Screw-in Valve Plug	Extended Drive Shaft	Doweled Cover	Associated Screen Number	Screen Inlet Dia. (Inches)
10687	0%	Mag Phosphate	X	X	X	X	68-S	5/8
10688	25%	Mag Phosphate	X	X	X	X	68-S3	5/8
							68-S4	5/8
							68-S5	5/8

NOTE: Consult the Melling stock catalog if needed for detailed listings for screen applications.

FORD BIG BLOCK V-8

Part No.	Volume Increase	Coatings	CNC Machined	Screw-in Valve Plug	Extended Drive Shaft	Doweled Cover	Associated Screen Number	Screen Inlet Dia. (Inches)
10832	0%	Mag Phosphate	X	X	X	X	83-S	5/8
10833	25%	Mag Phosphate	X	X	X	X	83-S1	5/8

NOTE: Consult the Melling stock catalog if needed for detailed listings for screen applications.

PERFORMANCE OIL PUMPS



FORD 4.6L SOHC / DOHC

Part No.	Volume Increase	Coatings	Screw-in Valve Plug	Provision For Bolt-on Screen	Associated Screen Number	Screen Inlet Dia. (Inches)
10176	0%	Hardcoat Anodized	X	X	335S	15/16
10227	8%**	Hardcoat Anodized	X	X	335S	15/16

** 8% Additional volume when used in the 4.6-X SOHC application / standard volume when used in the 4.6 DOHC Cobra application.

CHRYSLER 2.0L

Part No.	Volume Increase	Coatings	Screw-in Valve Plug	Provision For Bolt-on Screen	Associated Screen Number	Screen Inlet Dia. (Inches)
10190	20%	Mag Phosphate	X	X	262S	3/4
					330S	3/4
					331S	3/4

CHRYSLER 5.7L & 6.1L HEMI

Part No.	Volume Increase	Coatings	Screw-in Valve Plug	Provision For Bolt-on Screen	Associated Screen Number	Screen Inlet Dia. (Inches)
10342	0%	Hardcoat Anodize	X	X	331S	1.0

PERFORMANCE OIL PUMP GUIDE

GM S.B. PERFORMANCE OIL PUMP LINE

10550

High volume performance upgrade for M-55HV. 25% increase in volume over stock oil pump. The 10550 housing and cover are CNC machined and phosphate coated. The lower pressure spring is included to reduce pressure if desired. Includes intermediate shaft with steel guide. Uses 5/8" press in screen.

10551

High volume performance upgrade for M155HV. 25% increase in volume over stock oil pump. The 10551 housing and cover are CNC machined and phosphate coated. The lower pressure spring is included to reduce pressure if desired. Includes intermediate shaft with steel guide. Uses 3/4" press in screen.

10552

High volume performance oil pump. 10% increase in volume over stock oil pump. The 10552 is manufactured with the drive and idler shafts extended to allow for additional support in the cover eliminating dynamic shaft deflection at increased RPM levels. The cover is doweled to the pump housing to assure alignment of the shaft bores. Screw in plug retains relief valve spring instead of pin. Relief hole in cover uses screw in plug instead of pressed cup plug. All bolts are self locking socket heads, with the wrench supplied. The housing and cover are CNC machined and phosphate coated. Includes intermediate shaft with steel guide. Uses both 3/4" bolt on or press in screen. The lower pressure spring is included to reduce pressure if desired.

Patent No. 5,810,571

10552C (Anti-Cavitation)

High volume performance oil pump. 10% increase in volume over stock oil pump. Same as the 10552 with the addition of grooves machined in the body and cover. The grooves reduce cavitation effects in high RPM applications. Includes intermediate shaft with steel guide. Uses both 3/4" bolt on or press in screen. Using this oil pump will reduce pressure at idle. The 10552C uses the high pressure spring only.

Racing Applications Only.

Patent No. 5,810,571

